

FIG. 1

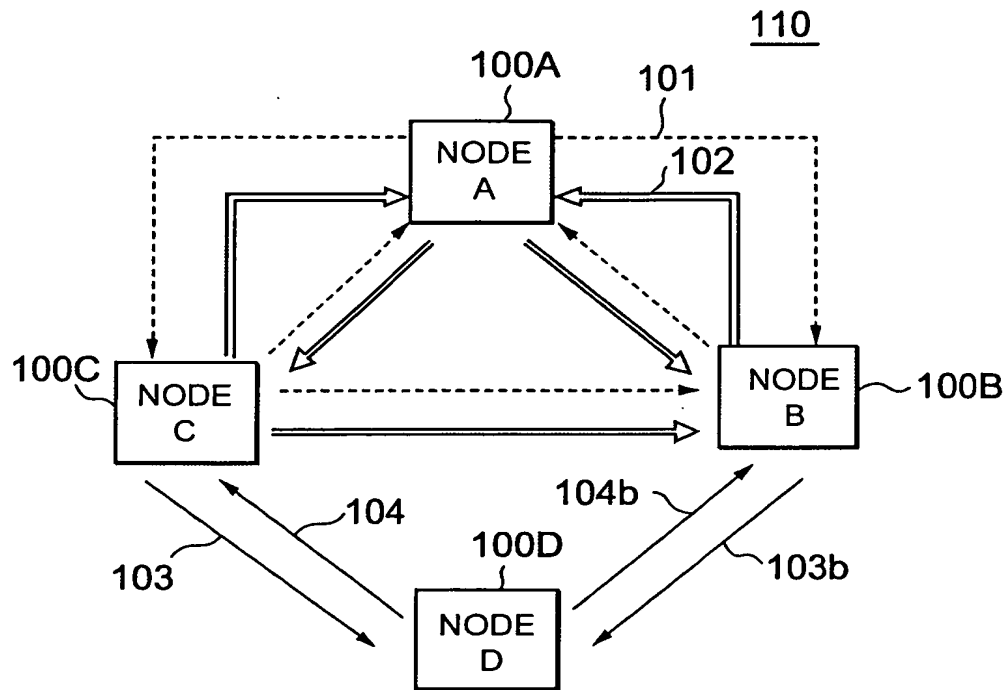


FIG. 2

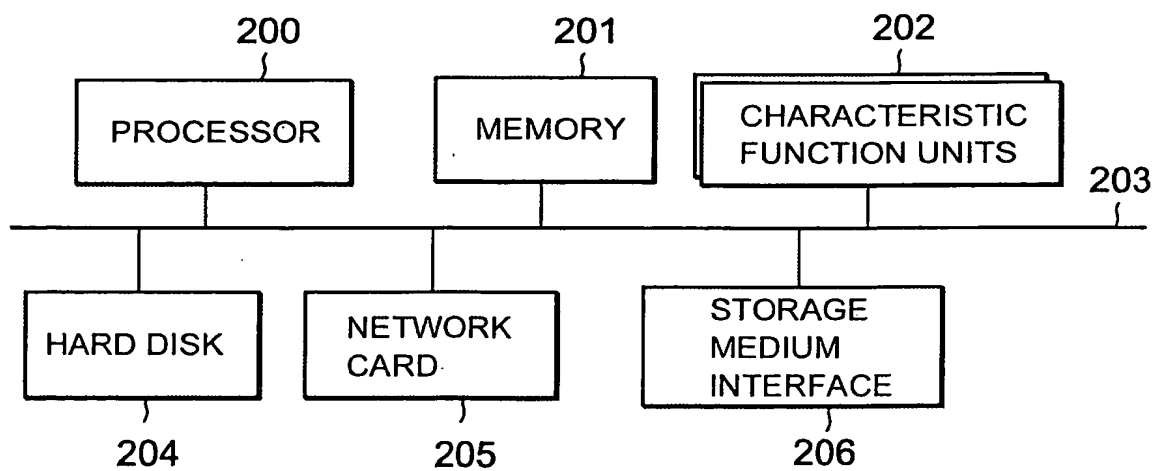


FIG. 3

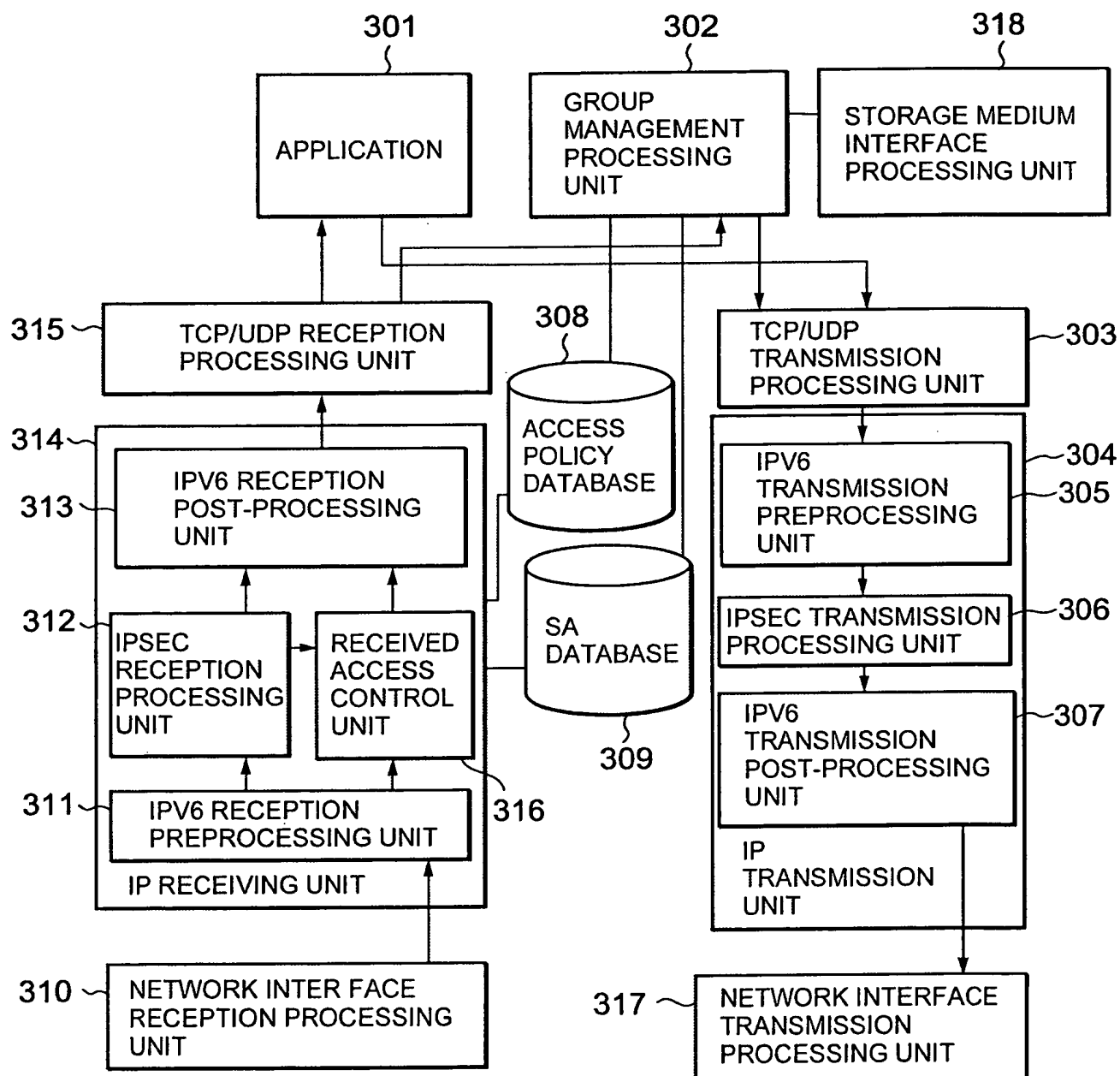


FIG. 4

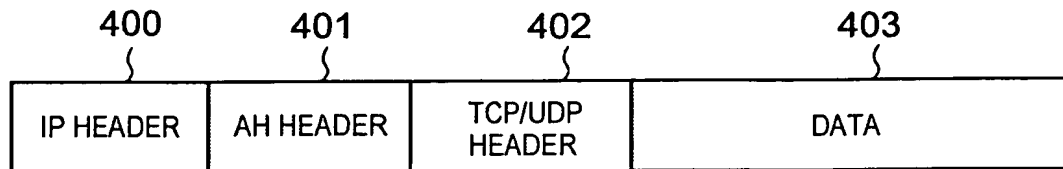


FIG. 5

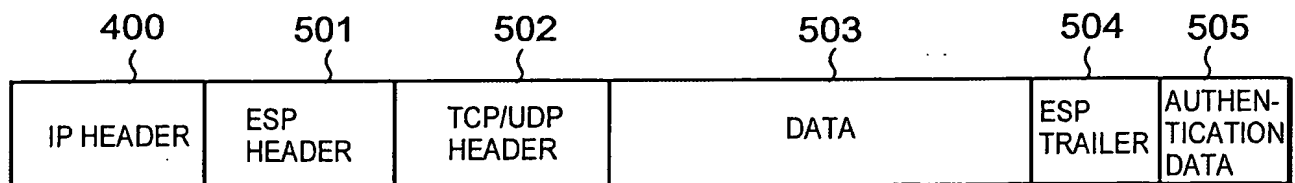


FIG. 6

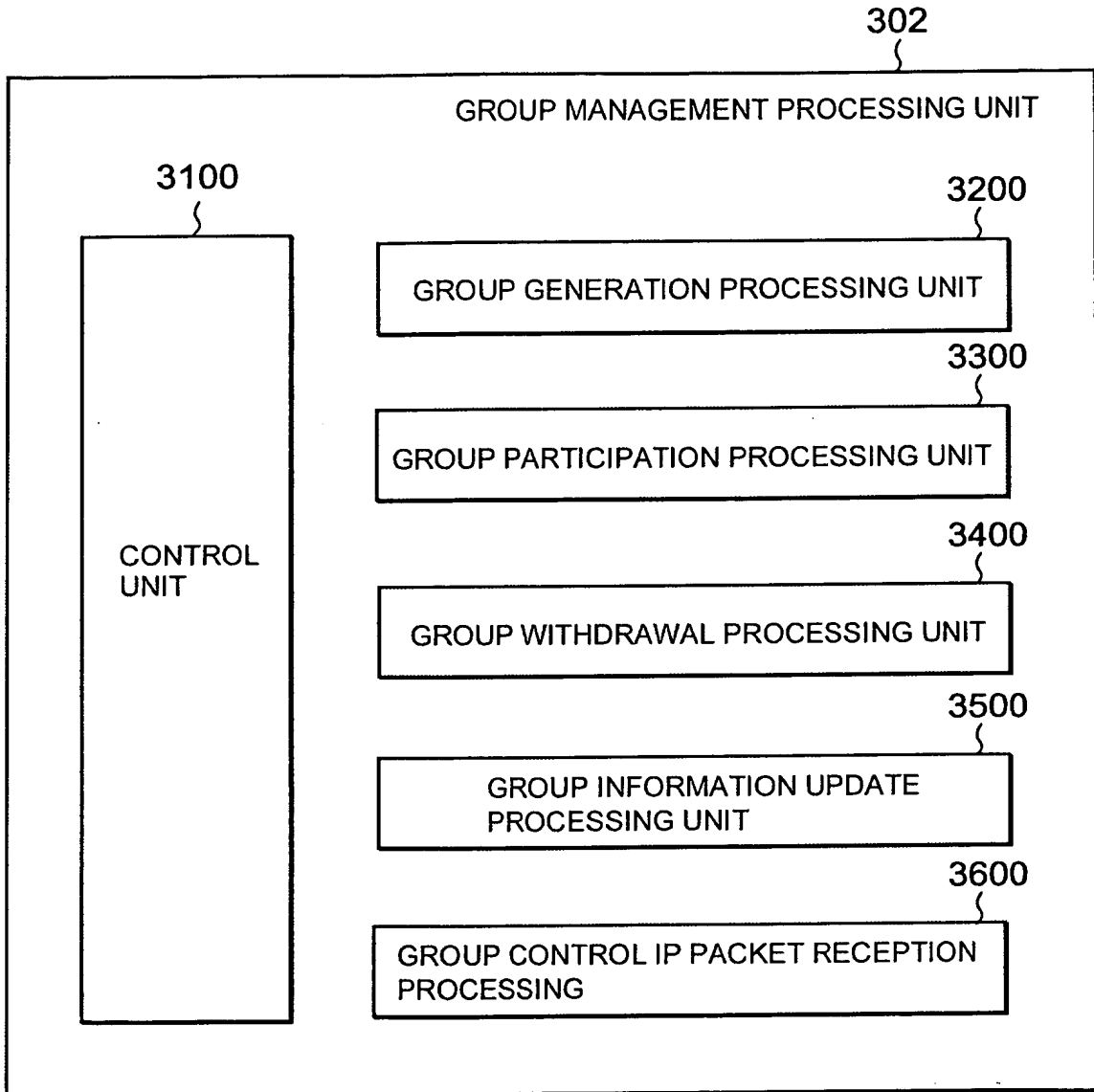
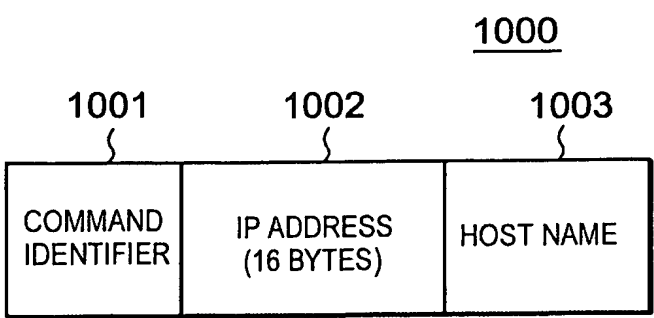


FIG. 7



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FIG. 8

GROUP MANAGEMENT TABLE

600

GROUP IDENTIFIER	601
GROUP KEY	602
KEY VALIDITY TERM	603
IP SEC TYPE (AUTHENTICATION/ENCRYPTION)	604
ALGORITHM	605
HOST NAME 1	606A
⋮	
HOST NAME n	606B

FIG. 9

ACCESS CONTROL OBJECT APPLICATION
MANAGEMENT TABLE

700

PORT NUMBER	701
1024~	701A
21	701B
⋮	

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FIG.10

GROUP MEMBER MANAGEMENT TABLE 800

801 HOST NAME	802 IP ADDRESS	803 VALIDITY TERM
NODE A	FE 80 :: 68 12 54 FE 35 01	x x x x
⋮	⋮	⋮

FIG.11

SECURITY ASSOCIATION 900

SPI	GROUP IDENTIFIER
SENDER'S IP ADDRESS	FE 80 :: 68 12 54 FE 35 01
DESTINATION IP ADDRESS	FE 80 :: 68 12 54 FE 35 02
PROTOCOL	AH
MODE	TRANSPORT
ENCRYPTION ALGORITHM	——
ENCRYPTION KEY	——
AUTHENTICATION ALGORITHM	SHA-1
AUTHENTICATION KEY	GROUP KEY IN THE GROUP MANAGEMENT TABLE
VALIDITY TERM	IN 7 DAYS

FIG.12

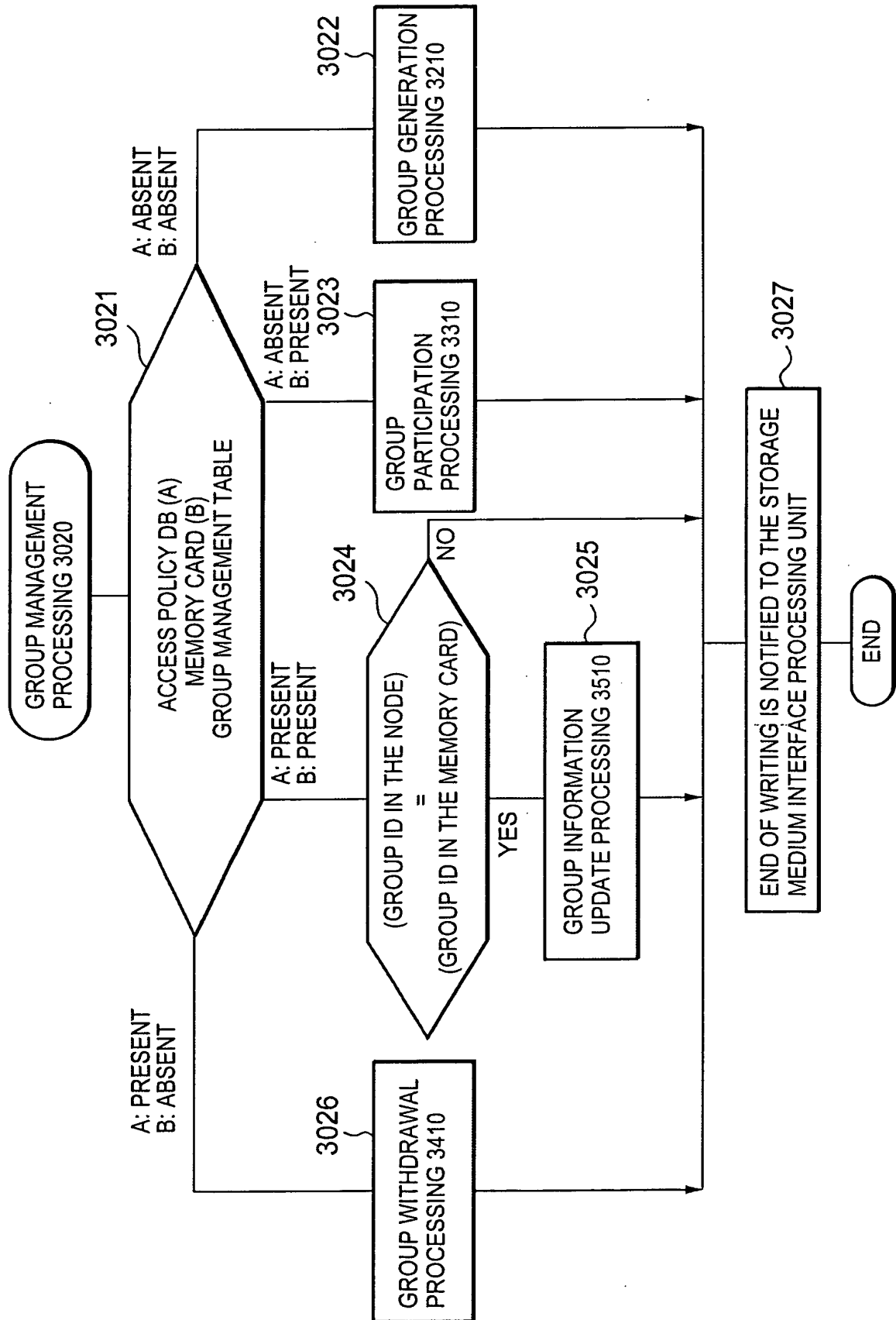


FIG.13

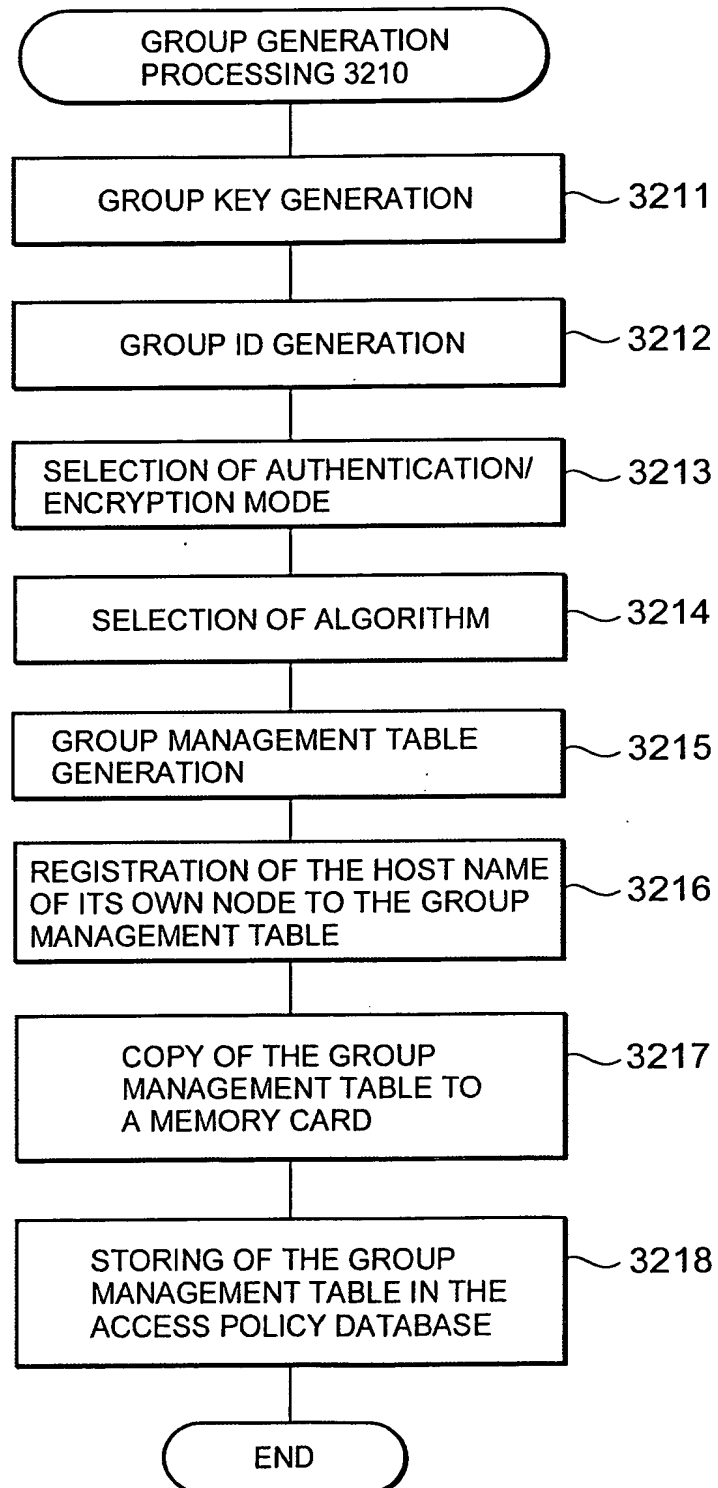
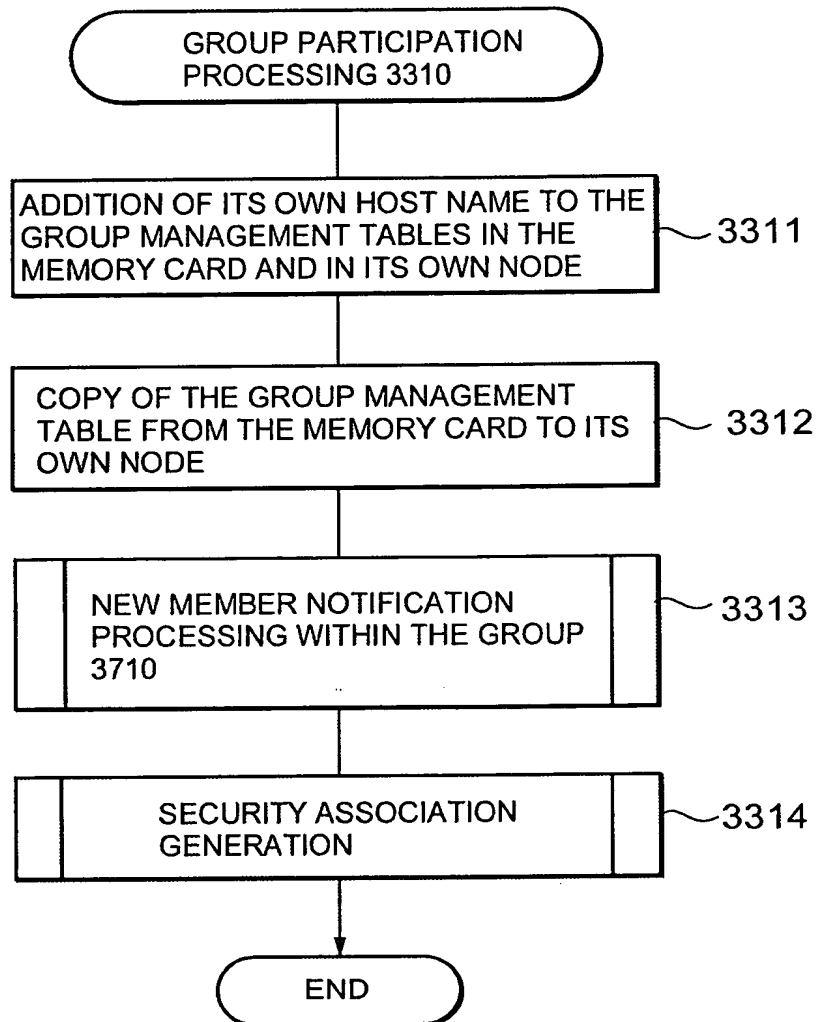
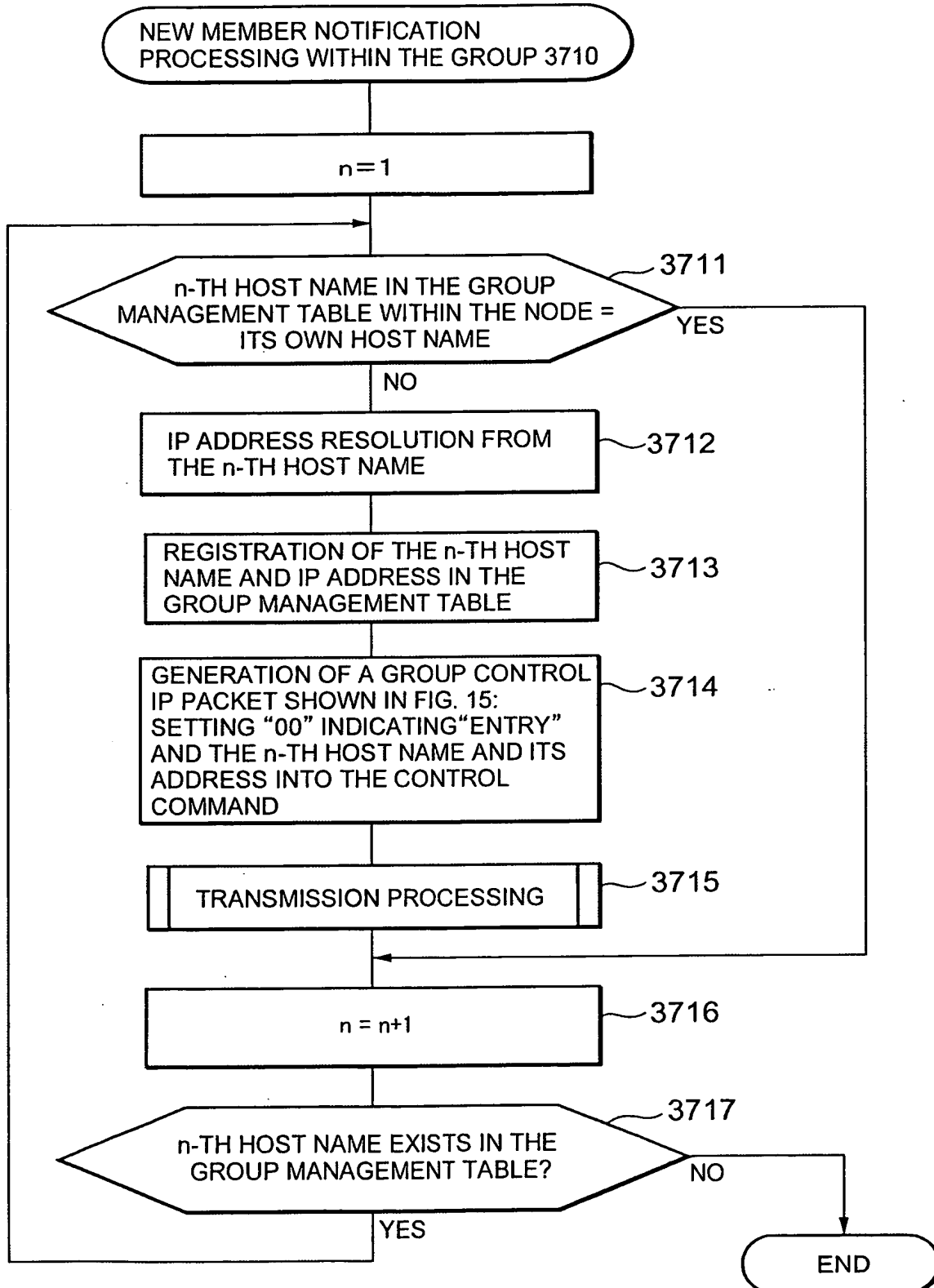


FIG.14



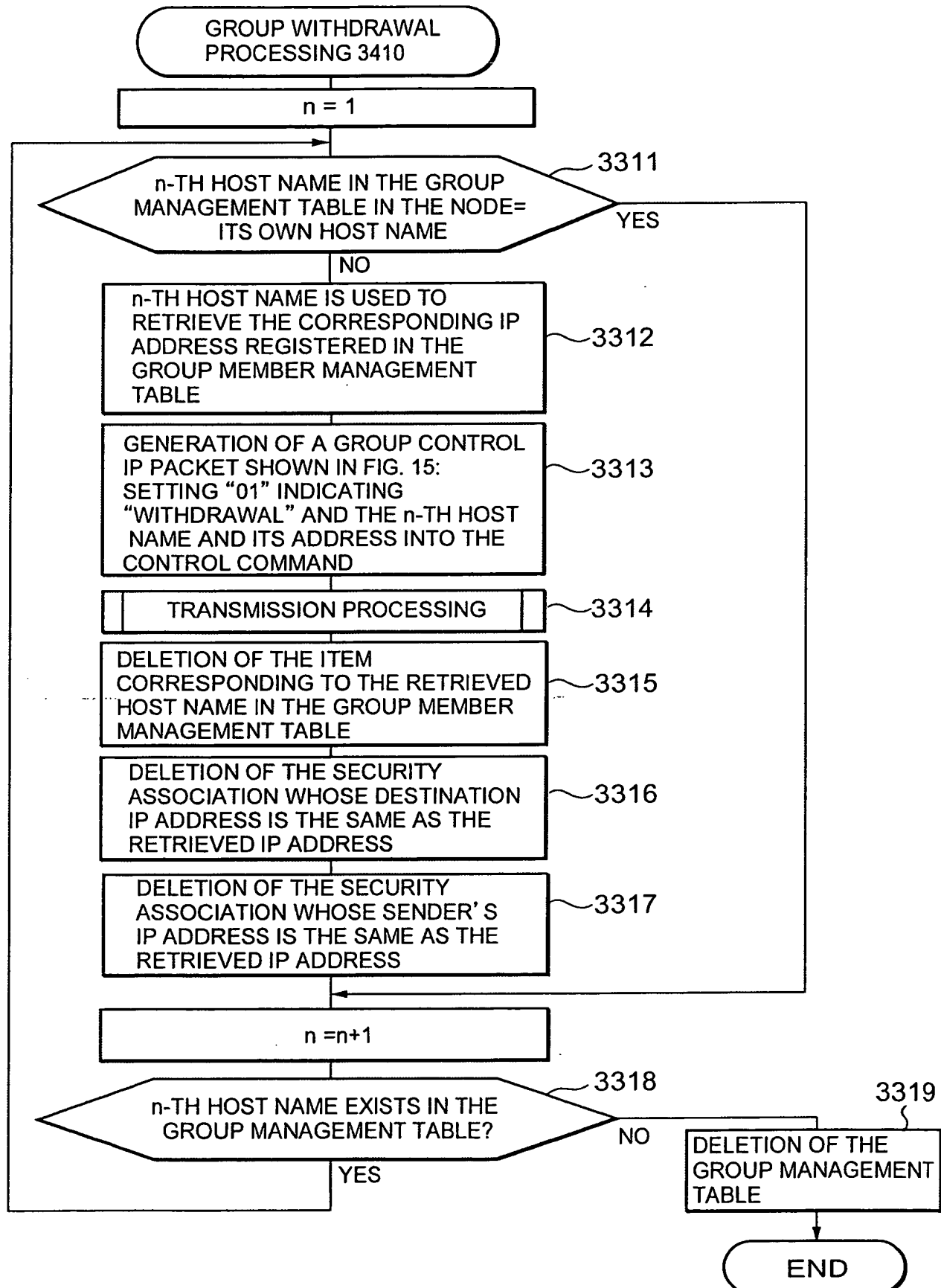
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FIG.15



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FIG. 16



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FIG.17

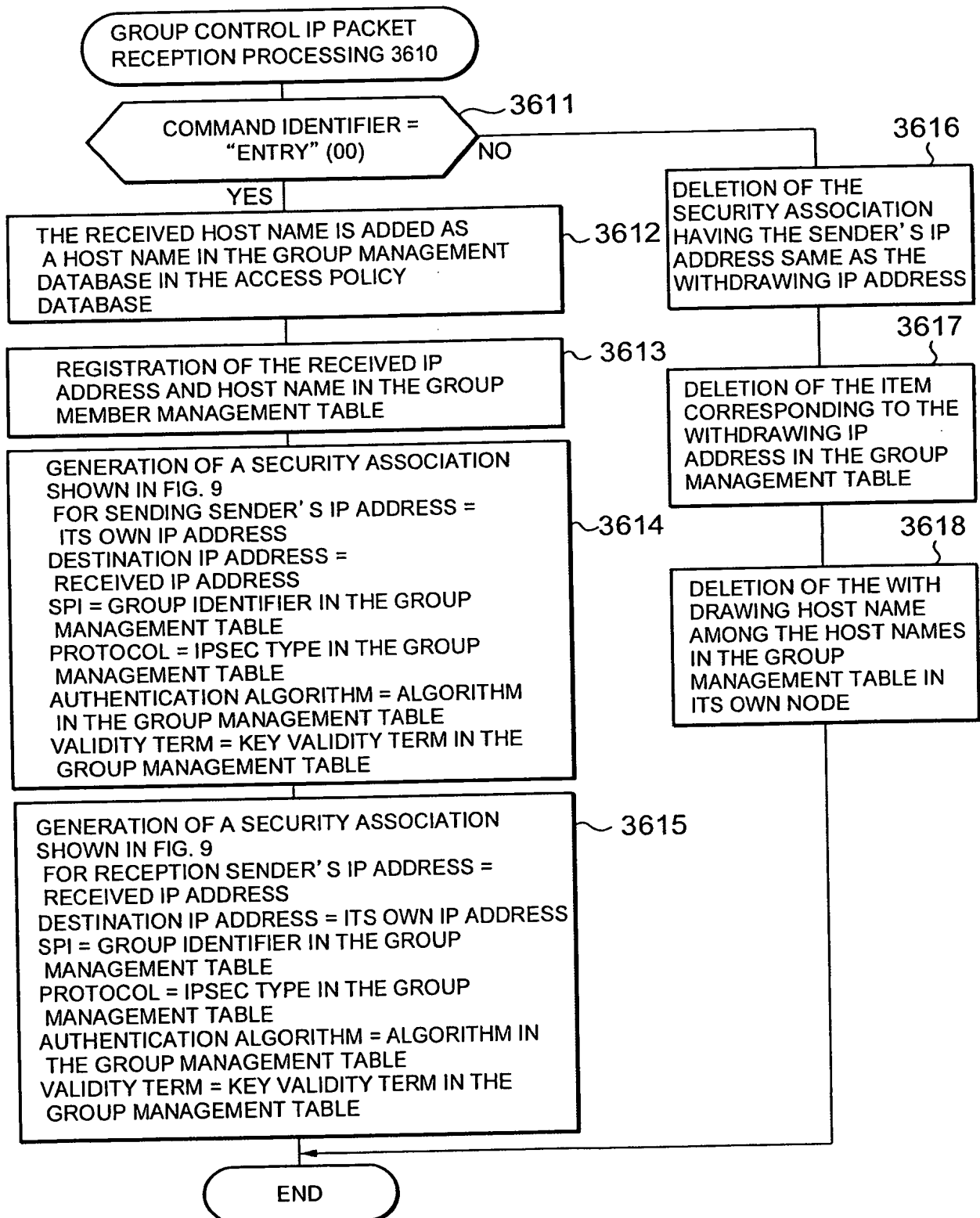


FIG.18

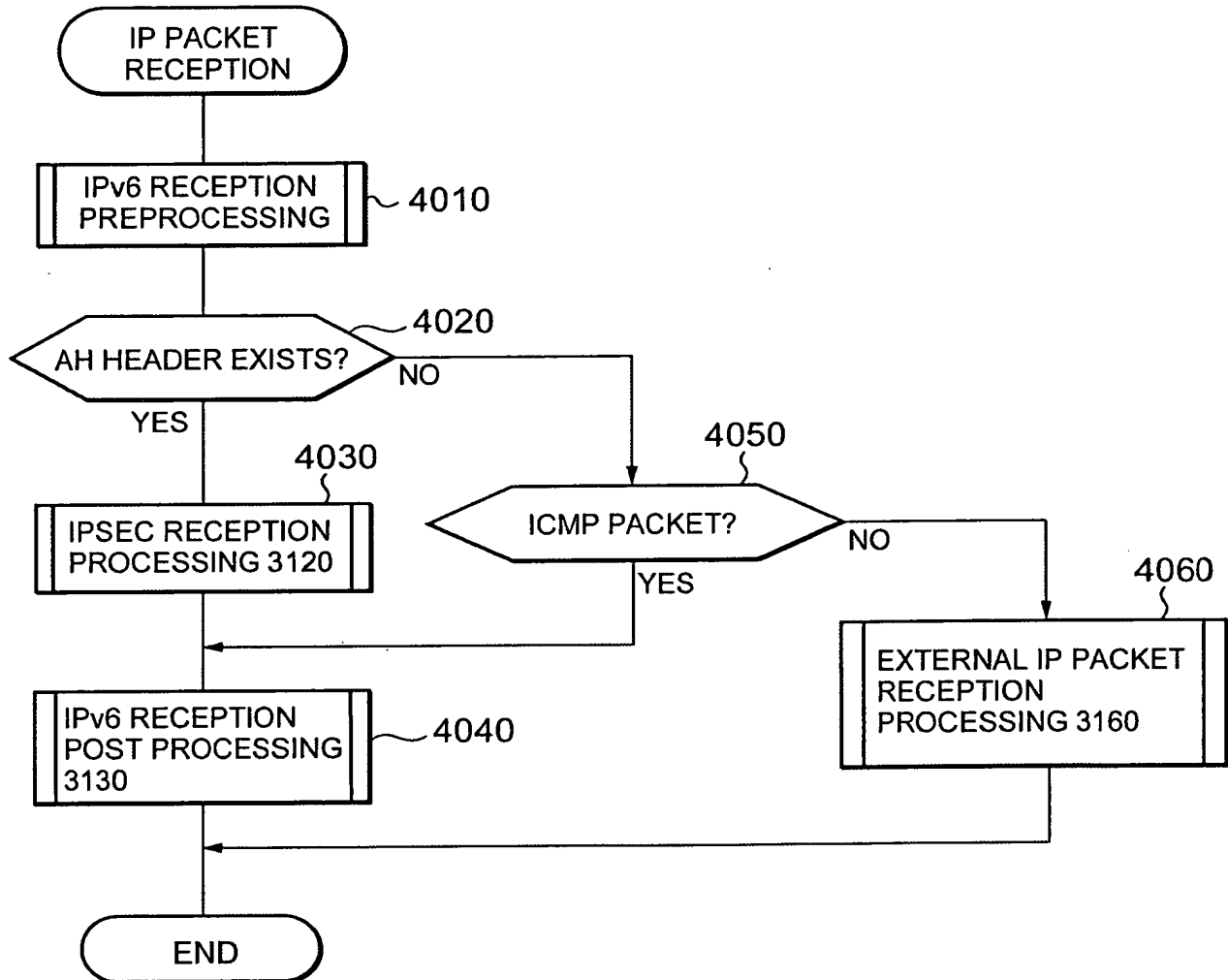


FIG.19

